# RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number:  *10/509,787A*

Source:  *PCT*

Date Processed by STIC:  *09-30-2004*

# *ENTERED*

PCT

RAW SEQUENCE LISTING                    DATE: 07/05/2005
PATENT APPLICATION:  US/10/509,787A      TIME: 10:37:32

Input Set : A:\3477-110 Amended Sequence Listing CRF.TXT
Output Set: N:\CRF4\07052005\J509787A.raw

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  3 <110> APPLICANT: O'DOWD, BRIAN F.
  4         GEORGE, SUSAN R.
  6 <120> TITLE OF INVENTION: METHOD OF IDENTIFYING TRANSMEMBRANE PROTEIN-INTERACTING
COMPOUNDS
  8 <130> FILE REFERENCE: 3477-110
 10 <140> CURRENT APPLICATION NUMBER: US 10/509,787A
 11 <141> CURRENT FILING DATE: 2004-09-30
 13 <150> PRIOR APPLICATION NUMBER: PCT/CA03/00542
 14 <151> PRIOR FILING DATE: 2003-04-11
 16 <150> PRIOR APPLICATION NUMBER: 60/442,556
 17 <151> PRIOR FILING DATE: 2003-01-27
 19 <150> PRIOR APPLICATION NUMBER: 60/422,891
 20 <151> PRIOR FILING DATE: 2002-11-01
 22 <150> PRIOR APPLICATION NUMBER: 60/387,570
 23 <151> PRIOR FILING DATE: 2002-06-12
 25 <150> PRIOR APPLICATION NUMBER: 60/379,419
 26 <151> PRIOR FILING DATE: 2002-05-13
 28 <150> PRIOR APPLICATION NUMBER: 60/371,704
 29 <151> PRIOR FILING DATE: 2002-04-12
 31 <160> NUMBER OF SEQ ID NOS: 158
 33 <170> SOFTWARE: PatentIn version 3.1
 35 <210> SEQ ID NO: 1
 36 <211> LENGTH: 49
 37 <212> TYPE: DNA
 38 <213> ORGANISM: Artificial sequence
 40 <220> FEATURE:
 41 <223> OTHER INFORMATION: primer
 43 <400> SEQUENCE: 1
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 48 <211> LENGTH: 45
 49 <212> TYPE: DNA
 50 <213> ORGANISM: Artificial sequence
 52 <220> FEATURE:
 53 <223> OTHER INFORMATION: primer
 55 <400> SEQUENCE: 2
 56 gtgtggcagg attcatctgg gtaccgcggt tgggtgctga ccgtt              45
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 60 <211> LENGTH: 51
 61 <212> TYPE: DNA
 62 <213> ORGANISM: Artificial sequence
 64 <220> FEATURE:
 65 <223> OTHER INFORMATION: primer
 67 <400> SEQUENCE: 3
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72 <211> LENGTH: 48
73 <212> TYPE: DNA
74 <213> ORGANISM: Artificial sequence
76 <220> FEATURE:
77 <223> OTHER INFORMATION: primer
79 <400> SEQUENCE: 4
80 gcctttaatg ctaaaaaatt taaaagattt tcaaccctct taggatgc                48
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84 <211> LENGTH: 19
85 <212> TYPE: PRT
86 <213> ORGANISM: Artificial sequence
88 <220> FEATURE:
89 <223> OTHER INFORMATION: synthesized              /
91 <400> SEQUENCE: 5
93 Asn Pro Ile Ile Tyr Ala Phe Asn Ala Asp Phe Arg Lys Ala Phe Ser
94 1               5                   10                  15
97 Thr Leu Leu
101 <210> SEQ ID NO: 6
102 <211> LENGTH: 19
103 <212> TYPE: PRT
104 <213> ORGANISM: Artificial sequence
106 <220> FEATURE:
107 <223> OTHER INFORMATION: synthesized
109 <400> SEQUENCE: 6
111 Asn Pro Ile Ile Tyr Ala Phe Asn Ala Lys Lys Phe Lys Arg Phe Ser
112 1               5                   10                  15
115 Thr Leu Leu
119 <210> SEQ ID NO: 7
120 <211> LENGTH: 27
121 <212> TYPE: DNA
122 <213> ORGANISM: Artificial sequence
124 <220> FEATURE:
125 <223> OTHER INFORMATION: primer
127 <400> SEQUENCE: 7
128 tacccttacg acgtgccgga ttacgcc                          27
131 <210> SEQ ID NO: 8
132 <211> LENGTH: 9
133 <212> TYPE: PRT
134 <213> ORGANISM: Artificial sequence
136 <220> FEATURE:
137 <223> OTHER INFORMATION: synthesized
139 <400> SEQUENCE: 8
141 Tyr Pro Tyr Asp Val Pro Asp Tyr Ala
142 1               5
145 <210> SEQ ID NO: 9
146 <211> LENGTH: 84
147 <212> TYPE: DNA
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148 <213> ORGANISM: Artificial sequence
150 <220> FEATURE:
151 <223> OTHER INFORMATION: primer
153 <400> SEQUENCE: 9
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156 gcaaggactc tgaacacctc tgcc                                           84
159 <210> SEQ ID NO: 10
160 <211> LENGTH: 36
161 <212> TYPE: DNA
162 <213> ORGANISM: Artificial sequence
164 <220> FEATURE:
165 <223> OTHER INFORMATION: primer
167 <400> SEQUENCE: 10
168 ggccgccagc tgcgagttca ggttgggtgc tgaccg                              36
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172 <211> LENGTH: 16
173 <212> TYPE: PRT
174 <213> ORGANISM: Artificial sequence
176 <220> FEATURE:
177 <223> OTHER INFORMATION: synthesized
179 <400> SEQUENCE: 11
181 Met Arg Thr Leu Asn Thr Ser Ala Met Asp Gly Thr Gly Leu Val Val
182 1               5                   10                  15
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186 <211> LENGTH: 26
187 <212> TYPE: PRT
188 <213> ORGANISM: Artificial sequence
190 <220> FEATURE:
191 <223> OTHER INFORMATION: synthesized
193 <400> SEQUENCE: 12
195 Met Gly Tyr Pro Tyr Asp Val Pro Asp Tyr Ala Arg Thr Leu Asn Thr
196 1               5                   10                  15
199 Ser Ala Met Asp Gly Thr Gly Leu Val Val
200             20                  25
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204 <211> LENGTH: 36
205 <212> TYPE: DNA
206 <213> ORGANISM: Artificial sequence
208 <220> FEATURE:
209 <223> OTHER INFORMATION: primer
211 <400> SEQUENCE: 13
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216 <211> LENGTH: 36
217 <212> TYPE: DNA
218 <213> ORGANISM: Artificial sequence
220 <220> FEATURE:
221 <223> OTHER INFORMATION: primer
223 <400> SEQUENCE: 14
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229 <212> TYPE: PRT
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232 <220> FEATURE:
233 <223> OTHER INFORMATION: synthesized
235 <400> SEQUENCE: 15
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238 1               5                   10                  15
241 Leu
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246 <211> LENGTH: 17
247 <212> TYPE: PRT
248 <213> ORGANISM: Artificial sequence
250 <220> FEATURE:
251 <223> OTHER INFORMATION: synthesized
253 <400> SEQUENCE: 16
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256 1               5                   10                  15
259 Leu
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264 <211> LENGTH: 37
265 <212> TYPE: DNA
266 <213> ORGANISM: Artificial sequence
268 <220> FEATURE:
269 <223> OTHER INFORMATION: primer
271 <400> SEQUENCE: 17
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275 <210> SEQ ID NO: 18
276 <211> LENGTH: 39
277 <212> TYPE: DNA
278 <213> ORGANISM: Artificial sequence
280 <220> FEATURE:
281 <223> OTHER INFORMATION: primer
283 <400> SEQUENCE: 18
284 ggctgccttg cgtttaaact ttttctcata ccggaaagg                              39
287 <210> SEQ ID NO: 19
288 <211> LENGTH: 18
289 <212> TYPE: PRT
290 <213> ORGANISM: Artificial sequence
292 <220> FEATURE:
293 <223> OTHER INFORMATION: synthesized
295 <400> SEQUENCE: 19
297 Asn Pro Phe Arg Tyr Glu Arg Lys Met Thr Pro Lys Ala Ala Phe Ile
298 1               5                   10                  15
301 Leu Ile
305 <210> SEQ ID NO: 20
306 <211> LENGTH: 18
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307 <212> TYPE: PRT
308 <213> ORGANISM: Artificial sequence
310 <220> FEATURE:
311 <223> OTHER INFORMATION: synthesized
313 <400> SEQUENCE: 20
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316 1               5                   10                  15
319 Leu Ile
323 <210> SEQ ID NO: 21
324 <211> LENGTH: 39
325 <212> TYPE: DNA
326 <213> ORGANISM: Artificial sequence
328 <220> FEATURE:
329 <223> OTHER INFORMATION: primer
331 <400> SEQUENCE: 21
332 gtgctgccgt taaaaagttc aaacgcctgc ggtccaagg                          39
335 <210> SEQ ID NO: 22
336 <211> LENGTH: 40
337 <212> TYPE: DNA
338 <213> ORGANISM: Artificial sequence
340 <220> FEATURE:
341 <223> OTHER INFORMATION: primer
343 <400> SEQUENCE: 22
344 ggaccgcagg cgtttgaact ttttaacggc agcacagacc                         40
347 <210> SEQ ID NO: 23
348 <211> LENGTH: 18
349 <212> TYPE: PRT
350 <213> ORGANISM: Artificial sequence
352 <220> FEATURE:
353 <223> OTHER INFORMATION: synthesized
355 <400> SEQUENCE: 23
357 Leu Val Cys Ala Ala Val Ile Arg Phe Arg His Leu Arg Ser Lys Val
358 1               5                   10                  15
361 Thr Asn
365 <210> SEQ ID NO: 24
366 <211> LENGTH: 18
367 <212> TYPE: PRT
368 <213> ORGANISM: Artificial sequence
370 <220> FEATURE:
371 <223> OTHER INFORMATION: synthesized
373 <400> SEQUENCE: 24
375 Leu Val Cys Ala Ala Val Lys Lys Phe Lys Arg Leu Arg Ser Lys Val
376 1               5                   10                  15
379 Thr Asn
383 <210> SEQ ID NO: 25
384 <211> LENGTH: 44
385 <212> TYPE: DNA
386 <213> ORGANISM: Artificial sequence
388 <220> FEATURE:
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RAW SEQUENCE LISTING ERROR SUMMARY     DATE: 07/05/2005
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**Please Note:**
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:109; Xaa Pos. 14
Seq#:110; Xaa Pos. 14
Seq#:130; Xaa Pos. 4
Seq#:131; Xaa Pos. 3
Seq#:134; Xaa Pos. 5
Seq#:142; Xaa Pos. 4
Seq#:146; Xaa Pos. 4
Seq#:148; Xaa Pos. 6
Seq#:150; Xaa Pos. 6
Seq#:151; Xaa Pos. 3
Seq#:152; Xaa Pos. 5
Seq#:153; Xaa Pos. 4
Seq#:154; Xaa Pos. 3
Seq#:155; Xaa Pos. 5

**VERIFICATION SUMMARY**                              DATE: 07/05/2005
PATENT APPLICATION:   US/10/509,787A          TIME: 10:37:33

Input Set : **A:\3477-110 Amended Sequence Listing CRF.TXT**
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```
L:1492 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:109 after pos.:0
L:1516 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:110 after pos.:0
L:1799 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:130 after pos.:0
L:1818 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131 after pos.:0
L:1866 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:134 after pos.:0
L:1987 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:142 after pos.:0
L:2048 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:146 after pos.:0
L:2085 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:148 after pos.:0
L:2122 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:150 after pos.:0
L:2141 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:151 after pos.:0
L:2165 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:152 after pos.:0
L:2184 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:153 after pos.:0
L:2203 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:154 after pos.:0
L:2222 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:155 after pos.:0
```